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RE: U.S. Patent Application Serial No. 10/570,053
 Title: Iterative decoding and equalizing for high speed communications on multiple antenna channels
 during transmission and reception
 Our File No. 33901-194PUS

Please correct the filing receipt as indicated on the marked up original. The applicants name and title have typographical errors. The applicant name should read **ANTOINE**. The title words should read **EQUALIZING AND HIGH**. We have enclosed a copy of the combined declaration cover sheet so the error can be corrected. Thank you.

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551 Fifth Avenue, New York, NY 10176 phone 212.687.2770 fax 212.972.5487 www.cplplaw.com

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By Express Mail
No. EV028043108US**COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY**
(Includes Reference to PCT International Applications)

Attorney's Docket No.

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**ITERATIVE DECODING AND EQUALIZING METHOD FOR HIGH SPEED COMMUNICATIONS ON
MULTIPLE ANTENNA CHANNELS DURING TRANSMISSION AND RECEPTION**

the specification of which (check only one item below)

☐ is attached hereto☐ was filed as United States application

Serial No.

on

and was amended

on _ (if applicable).

☒ was filed as PCT international applicationNumber PCT/FR20/002104

on August 6, 2004

and was amended under PCT Article 19

on _ (if applicable).

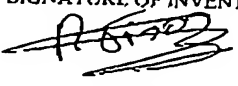

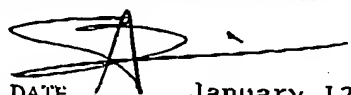
I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

PRIOR FOREIGN/PCT APPLICATIONS AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. 119:

| Country (if PCT, indicate "PCT") | Application Number | Date of Filing (day, month, year) | Priority Claimed Under 35 U.S.C. 119 | |
|-------------------------------------|-----------------------|--------------------------------------|---|-----------------------------|
| France | 0310290 | 29/08/2003 | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO |
| | | | <input type="checkbox"/> YES | <input type="checkbox"/> NO |
| | | | <input type="checkbox"/> YES | <input type="checkbox"/> NO |
| | | | <input type="checkbox"/> YES | <input type="checkbox"/> NO |

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|---|------------------------|--|---|--|
| COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY (Includes Reference to PCT International Applications) | | | | Attorney's Docket No. |
| POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) at <i>Cohen, Pontani, Lieberman & Pavane</i> to prosecute this application and transact all business in the Patent and Trademark Office connected therewith <div style="text-align: right; margin-right: 100px;">Customer number 27799</div> | | | | |
| Send correspondence to <i>Cohen, Pontani, Lieberman & Pavane</i> at the address for the following customer Number: 27799 | | | | Direct Telephone calls to: (name and telephone number) Thomas Langer (212) 687-2770 |
| I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under §1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon. | | | | |
| 2 0 1 | FULL NAME OF INVENTOR | FAMILY NAME VISOZ | FIRST GIVEN NAME Raphaël | SECOND GIVEN NAME |
| | RESIDENCE, CITIZENSHIP | CITY ISSY LES MOULINEAUX | STATE OR FOREIGN COUNTRY France | COUNTRY OF CITIZENSHIP France |
| | POST OFFICE ADDRESS | POST OFFICE ADDRESS 28 Boulevard Gambetta | CITY ISSY LES MOULINEAUX | STATE & ZIP CODE/COUNTRY France 92130 |
| 2 0 2 | FULL NAME OF INVENTOR | FAMILY NAME CHTOUROU | FIRST GIVEN NAME Sami | SECOND GIVEN NAME |
| | RESIDENCE, CITIZENSHIP | CITY PARIS | STATE OR FOREIGN COUNTRY France | COUNTRY OF CITIZENSHIP France |
| | POST OFFICE ADDRESS | POST OFFICE ADDRESS 9 Rue Esquirol | CITY PARIS | STATE & ZIP CODE/COUNTRY France 75013 |
| 2 0 3 | FULL NAME OF INVENTOR | FAMILY NAME BERTHEI | FIRST GIVEN NAME Antoine | SECOND GIVEN NAME |
| | RESIDENCE, CITIZENSHIP | CITY CHATENAY MALABRY | STATE OR FOREIGN COUNTRY France | COUNTRY OF CITIZENSHIP France |
| | POST OFFICE ADDRESS | POST OFFICE ADDRESS 72 Avenue Jean Jaurès Bât.A, Esc.3 | CITY CHATENAY MALABRY | STATE & ZIP CODE/COUNTRY France 92290 |
| COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY (Includes Reference to PCT International Applications) | | | | Attorney's Docket No. |
| SIGNATURE OF INVENTOR 201  | | SIGNATURE OF INVENTOR 202  | | SIGNATURE OF INVENTOR 203  |
| DATE January 12, 2006 | | DATE January 12, 2006 | | DATE January 12, 2006 |



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| 10/570,053 | 02/28/2006 | 2631 | 900 | 33901-194PUS | 2 | 15 | 2 |

27799
COHEN, PONTANI, LIEBERMAN & PAVANE
551 FIFTH AVENUE
SUITE 1210
NEW YORK, NY 10176

CONFIRMATION NO. 3049

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OC000000019885857

Date Mailed: 08/04/2006

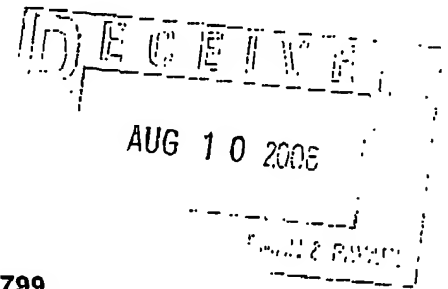
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Applicant(s)

Raphaël Visoz, Issy Les Moulineaux, FRANCE;
Sami Chtourou, Paris, FRANCE;
Antoine Berthet, Chatenay Malabry, FRANCE;
Antoine

Assignment For Published Patent Application

France Telecom, Paris, FRANCE



Power of Attorney: The patent practitioners associated with Customer Number 27799.

Domestic Priority data as claimed by applicant

This application is a 371 of PCT/FR04/02104 08/06/2004

Foreign Applications

FRANCE 0310290 08/29/2003

If Required, Foreign Filing License Granted: 08/03/2006

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US10/570,053**

Projected Publication Date: 11/09/2006

Non-Publication Request: No

P078304800

Early Publication Request: No

Title

Iterative decoding and equalizing method for high speed communications on multiple antenna channels during transmission and reception

Equalizing High

Preliminary Class

375

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

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*** RX REPORT ***

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